

Converting Colors

HunterLab(33.2141, -9.7433,
11.6757)

Have a look what the booklet for
HunterLab(33.2141, -9.7433,
11.6757) contains.

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Color

**HunterLab(33.2217, -9.5693,
11.6470)**

Conversions

Conversions Part 1

Format	Color
Hex	556240
RGB	85, 98, 64
RGB Percent	33%, 38%, 25%
CMY	0.6667, 0.6157, 0.7490
CMYK	0.13, 0.00, 0.35, 0.62
HSL	83°, 21%, 32%
HSV	83°, 35%, 38%
XYZ	9.0394, 11.0368, 6.5044
YIQ	90.2370, 3.1660, -13.3300

Conversions

Conversions Part 2

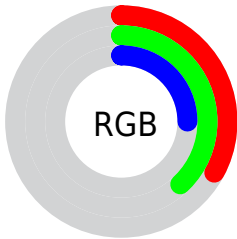
Format	Color
RYB	64, 98, 77
Decimal	5595712
CIELab	39.64, -11.61, 17.75
CIElCh	40, 21.212, 123.185
Yxy	11.0373, 0.3401, 0.4152
Android (android.graphics.Color)	4283785792 (0xFF556240)
YUV	90.2370, -12.9348, -4.5928
Hunter-Lab	33.2217, -9.5693, 11.6470

Details

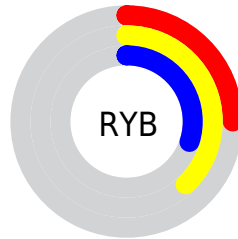
The HunterLab color **33.2217, -9.5693, 11.6470** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **24.7522, 7.8780, -12.2902**, and the grayscale version is **32.1087, -1.7132, 1.7445**.

A 20% lighter version of the original color is **52.7405, -12.2061, 15.0519**, and **17.1507, -7.1161, 7.9910** is the 20% darker color. If you saturate the color by 10%, you get **32.8094, -11.4249, 13.6654**, and if you desaturate by 10%, it is **33.6734, -7.5469, 9.2719**.

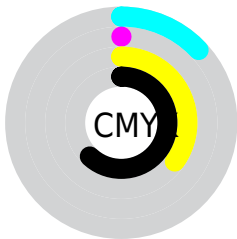
Distribution



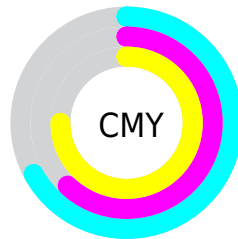
- Red (33%)
- Green (38%)
- Blue (25%)



- Red (25%)
- Yellow (38%)
- Blue (30%)



- Cyan (13%)
- Magenta (0%)
- Yellow (35%)
- Black (62%)



- Cyan (67%)
- Magenta (62%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.2217, -9.5693, 11.6470 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 33.2217, -9.5693, 11.6470 by changing the saturation by 10% instead.

■ 33.2217, -9.5693,
11.6470

■ 33.2217, -9.5693,
11.6470

■ 140.6852,
-20.5137, 25.5908

■ 24.6818, -8.3030,
9.8773

■ 52.6584, -12.0206,
14.9445

■ 17.0325, -6.9784,
7.9686

■ 63.4384, -13.2275,
16.5196

■ 10.3937, -5.6305,
7.2756

■ 74.8677, -14.4311,
18.0648

0.0000, NaN, NaN

■ 86.9111, -15.6357,
19.5893

0.0000, NaN, NaN

■ 99.5390, -16.8443,
21.0997

0.0000, NaN, NaN

■ 112.7254,

0.0000, NaN, NaN

-18.0591, 22.6010

0.0000, NaN, NaN

126.4475,
-19.2819, 24.0970

■ 33.2217, -9.5693,
11.6470

■ 33.2217, -9.5693,
11.6470

■ 32.8094, -11.4249,
13.6654

■ 33.6734, -7.5469,
9.2719

■ 32.4339, -13.1078,
15.3277

■ 34.1623, -5.3603,
6.5416

■ 32.0952, -14.6174,
16.6408

■ 34.6890, -3.0169,
3.4623

■ 31.7925, -15.9548,
17.6169

■ 35.2533, -0.5241,
0.0431

■ 31.5241, -17.1242,
18.2752

■ 35.8546, 2.1098,
-3.7049

■ 31.2859, -18.1474,
18.6776

■ 36.4924, 4.8761,
-7.7685

■ 31.1656, -18.6667,
18.8773

■ 37.1658, 7.7660,
-12.1333

■ 37.8741, 10.7702,
-16.7840

■ 38.6164, 13.8800,
-21.7048

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.2224, -2.6012, 13.1078



33.2217, -9.5693, 11.6470



33.2224, -14.0956, 7.6073

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



33.2224, -9.5701, 11.6473



33.2224, -8.2554, -13.5584



33.2224, 14.5151, 2.5890

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



33.2217, -9.5693, 11.6470



24.7522, 7.8780, -12.2902

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



33.2224, 12.6538, -5.2708



33.2217, -9.5693, 11.6470



33.2224, -0.9395, -15.7627

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



33.2224, -9.5701, 11.6473



33.2224, -13.3870, -6.9587



33.2224, 6.8137, -12.4370



33.2224, 11.6910, 8.6907

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



33.2217, -9.5693, 11.6470



33.2224, -15.3581, 3.4527



33.2224, 6.8137, -12.4370



33.2224, 14.4173, 0.0754

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



33.2224, -9.5701, 11.6473



45.5232, -5.7571, 6.9238



28.6367, 3.3641, 7.6619



22.1624, -2.9488, 3.5612



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.2224, -9.5701, 11.6473



43.5077, -14.7839, 17.7338



32.1780, -13.5160, 10.6537



17.1015, -1.9912, 2.3760



35.9285, -21.6811, 21.7594



82.7304, -51.3718, 50.0787

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



24.7522, 7.8780, -12.2902



29.7298, 13.8312, -21.8229



26.2688, 12.4677, -9.6772



15.9923, 0.2670, -0.6894



12.9841, 31.2796, -61.7175



29.2085, 71.4979, -147.6165

Previews

White Background



This preview shows how the HunterLab color 33.2217, -9.5693, 11.6470 looks on a white background.

Color Contrast Check

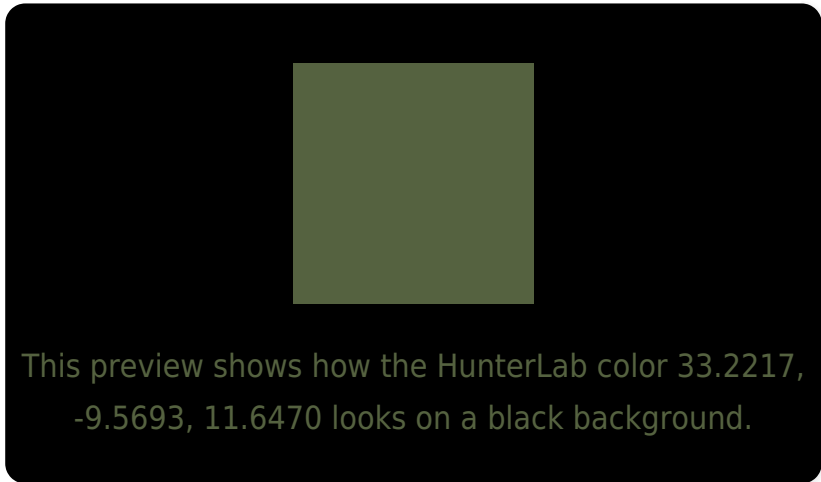
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

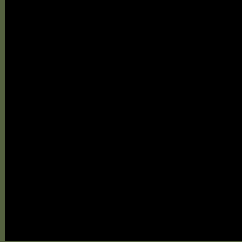
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 33.2217, -9.5693, 11.6470 Background



This preview shows how black text looks on a background with the HunterLab color 33.2217, -9.5693, 11.6470.



This preview shows how white text looks on a background with the HunterLab color 33.2217, -9.5693,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

33.2217, -9.5693, 11.6470

Protanopia

33.0805, -3.1186, 12.1612

Deuteranopia

33.0418, 2.2028, 11.1500



Tritanopia

33.0786, -1.3363, -1.7084

Trichromacy



Original Color

33.2217, -9.5693, 11.6470

Protanomaly

33.1303, -5.6693, 11.8997

Deuteranomaly

32.9556, -2.0961, 11.2731

Tritanomaly

33.1115, -4.6931, 3.7891

Monochromacy



Original Color

33.2217, -9.5693, 11.6470

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

32.3998, -4.7799, 5.6356

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.2217, -9.5693, 11.6470 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(85, 98, 64)` looks like.

```
.text, #text, p{  
    color:rgb(85, 98, 64)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(85, 98, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 98, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 33.2217, -9.5693, 11.6470 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(85, 98, 64) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(85, 98, 64) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(85, 98, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 98, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 98, 64);  
box-shadow:4px 4px 4px 4px rgb(85, 98, 64)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.2217, -9.5693, 11.6470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 98, 64) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(85, 98,  
64) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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